

## IMPORTANT SAFETY INSTRUCTIONS

### Notice to Installers

The servicing instructions in this notice are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions, unless you are qualified to do so.

#### Note to System Installer

For this apparatus, the cable shield/screen shall be grounded as close as practical to the point of entry of the cable into the building. For products sold in the US and Canada, this reminder is provided to call the system installer's attention to Article 800-93 and Article 800-100 of the NEC (or Canadian Electrical Code Part 1), which provides guidelines for proper grounding of the cable shield.



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

#### WARNING

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



This symbol is intended to alert you that uninsulated voltage within this product may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this product.

Ce symbole a pour but d'alerter toute personne qu'un contact avec une pièce interne de ce produit, sous tension et non isolée, pourrait être suffisant pour provoquer un choc électrique. Il est donc dangereux d'être en contact avec toute pièce interne de ce produit.



This symbol is intended to alert you of the presence of important operating and maintenance (servicing) instructions in the literature accompanying this product.

Ce symbole a pour but de vous avertir qu'une documentation importante sur le fonctionnement et l'entretien accompagne ce produit.

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#### 1) Read these instructions.

#### 2) Keep these instructions.

#### 3) Heed all warnings.

#### 4) Follow all instructions.

#### 5) Do not use this apparatus near water.

#### 6) Clean only with dry cloth.

#### 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

#### 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

#### 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

#### 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

#### 11) Only use attachments/accessories specified by the manufacturer.

#### 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

#### 13) Unplug this apparatus during lightning storms or when unused for long periods of time.

#### 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as a power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

#### Power Source Warning

A label on this product indicates the correct power source for this product. Operate this product only from an electrical outlet with the voltage and frequency indicated on the product label. If you are uncertain of the type of power supply to your home or business, consult your service provider or your local power company.

The AC inlet on the unit must remain accessible and operable at all times.

#### Ground the Product

 **WARNING:** Avoid electric shock and fire hazard! If this product connects to coaxial cable wiring, be sure the cable system is grounded (earthed). Grounding provides some protection against voltage surges and built-up static charges.

#### Protect the Product from Lightning

In addition to disconnecting the AC power from the wall outlet, disconnect the signal inputs.

#### Verify the Power Source from the On/Off Power Light

When the on/off power light is not illuminated, the apparatus may still be connected to the power source. The light may go out when the apparatus is turned off, regardless of whether it is still plugged into an AC power source.

#### Eliminate AC Power/Mains Overloads



**WARNING:** Avoid electric shock and fire hazard! Do not overload AC power/mains, outlets, extension cords, or integral convenience receptacles. For products that require battery power or other power sources to operate them, refer to the operating instructions for those products.

#### Provide Ventilation and Select a Location

- Remove all packaging material before applying power to the product.
- Do not place this apparatus on a bed, sofa, rug, or similar surface.
- Do not place this apparatus on an unstable surface.
- Do not install this apparatus in an enclosure, such as a bookcase or rack, unless the installation provides proper ventilation.
- Do not place entertainment devices (such as VCRs or DVDs), lamps, books, vases with liquids, or other objects on top of this product.
- Do not block ventilation openings.

#### Operating Environment

This product is designed for operation indoors with a temperature range from 32° to 104° F (0° to 40° C). Each product should have adequate spacing on all sides so that the cooling air vents on the chassis are not blocked.

#### Protect from Exposure to Moisture and Foreign Objects



**WARNING:** Avoid electric shock and fire hazard! Do not expose this product to liquids, rain, or moisture.



**WARNING:** Avoid electric shock and fire hazard! Unplug this product before cleaning. Do not use a liquid cleaner or an aerosol cleaner. Do not use a magnetic/static cleaning device (dust remover) to clean this product.



**WARNING:** Avoid electric shock and fire hazard! Never push objects through the openings in this product. Foreign objects can cause electrical shorts that can result in electric shock or fire.

#### Service Warnings



**WARNING:** Avoid electric shock! Do not open the cover of this product. Opening or removing the cover may expose you to dangerous voltages. If you open the cover, your warranty will be void. This product contains no user-serviceable parts.

#### Check Product Safety

Upon completion of any service or repairs to this product, the service technician must perform safety checks to determine that this product is in proper operating condition.

#### Protect the Product When Moving It

Always disconnect the power source when moving the apparatus or connecting or disconnecting cables.



# Cisco Model VEN401 Video Over Wireless Solution Quick Reference Guide



#### FCC Compliance

##### United States FCC Compliance

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against such interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the cable company or an experienced radio/television technician for help.

Any changes or modifications not expressly approved by Cisco Systems, Inc., could void the user's authority to operate the equipment.

The information shown in the FCC Declaration of Conformity paragraph below is a requirement of the FCC and is intended to supply you with information regarding the FCC approval of this device. *The phone numbers listed are for FCC-related questions only and not intended for questions regarding the connection or operation for this device. Please contact your service provider for any questions you may have regarding the operation or installation of this device.*

#### FCC Declaration of Conformity

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: 1) the device may not cause harmful interference, and 2) the device must accept any interference received, including interference that may cause undesired operation.

Cisco Model VEN401 Video Over Wireless Solution

Model: VEN401

Manufactured by: Cisco Systems, Inc.

5030 Sugarloaf Parkway

Lawrenceville, Georgia 30044 USA

Telephone: 770 236-1077

#### Open Source GNU GPL Statement

Cisco Model VEN401 contain(s), in part, certain free/open source software ("Free Software") under licenses which generally make the source code available for free copy, modification, and redistribution. Examples of such licenses include all the licenses sponsored by the Free Software Foundation (e.g. GNU General Public License (GPL), GNU Lesser General Public License (LGPL), Berkeley Software Distribution (BSD), the MIT licenses and different versions of the Mozilla and Apache licenses). To find additional information regarding the Free Software, including a copy of the applicable license and related information, please go to: (i) for North America [http://www.cisco.com/web/consumer/support/open\\_source.html](http://www.cisco.com/web/consumer/support/open_source.html), or (ii) for outside North America [http://www.cisco.com/web/consumer/support/open\\_source.html#international](http://www.cisco.com/web/consumer/support/open_source.html#international). Once at the site, search for the product listing and click on the related items identified. If you have any questions or problems accessing any of the links, please contact: [spvtg-external-opensource-requests@cisco.com](mailto:spvtg-external-opensource-requests@cisco.com).

#### Dynamic Frequency Selection (DFS) Dual Band Frequencies

Some configurations of this product may operate in the 5150-5250 MHz and 5470-5725 MHz bands. If you select any channel in these frequency ranges, the product is restricted to indoor operation only per FCC guidance. The use of this product on the affected frequencies when outside is in non compliance of the FCC regulations and guidelines.

#### RF Exposure Statements

**Note:** This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 7.9 inches (20 cm) between the radiator and your body.

#### US

This system has been evaluated for RF exposure for humans in reference to ANSI C 95.1 (American National Standards Institute) limits. The evaluation was based in accordance with FCC OET Bulletin 65C rev 01.01 in compliance with Part 2.1091 and Part 15.27. The minimum separation distance from the antenna to general bystander is 7.9 inches (20 cm) to maintain compliance.



Cisco Systems, Inc.  
5030 Sugarloaf Parkway, Box 465447  
Lawrenceville, GA 30042

678 277-1120  
800 722-2009  
[www.cisco.com](http://www.cisco.com)

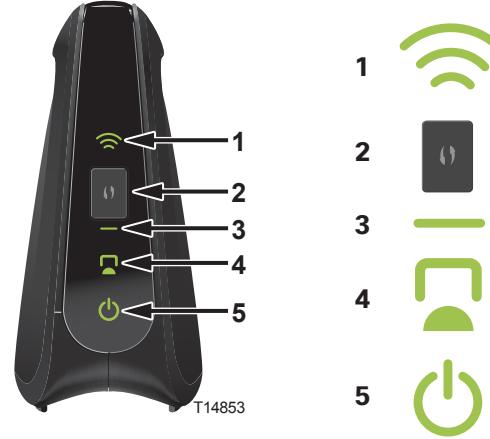
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## Welcome

With the VEN401 Video Over Wireless Solution, you can put a set-top almost anywhere in the home. The VEN401 (Wireless Access Point) must be accompanied by the Cisco ISB7005 Wireless Receiver (set-top).

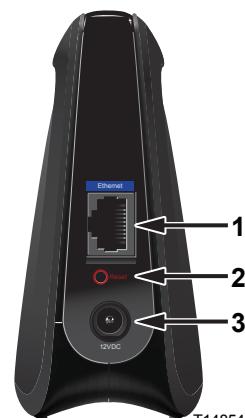
Simply connect the Wireless Access Point to your wireless gateway. Then, power up your set-top. Once you pair the devices, you don't need cables or wall jacks to pass high-definition video streams from the Internet to your set-top. Follow these simple instructions to get connected now.

## Front Panel



**Note:** This illustration may vary from the actual product.

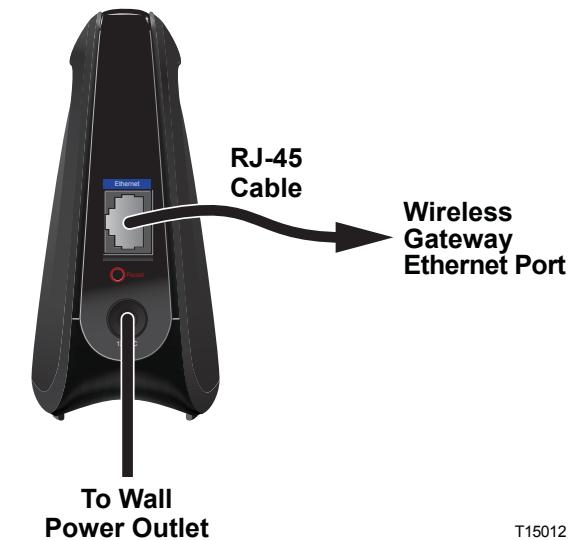
## Back Panel



**Note:** This illustration may vary from the actual product.

## Connecting the Wireless Access Point to a Wireless Gateway

1. Connect the 12 VDC Power Supply plug to the wall power outlet. Use only the power adapter provided with this product.
2. Connect the power plug to the power receptacle on the wireless access point.
3. Connect one end of the RJ-45 Ethernet cable to the Ethernet port on the wireless access point.
4. Connect the other end of the RJ-45 Ethernet cable to an available Ethernet port on your wireless gateway.



## Pair Devices

1. Press the **OK** button on the receiver.
2. Press the **WPS** button on the wireless access point.

Refer to the installation guide included with your ISB7005 Wireless Receiver for troubleshooting information.